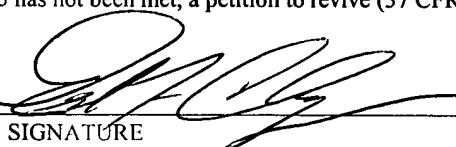
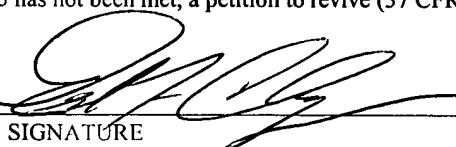
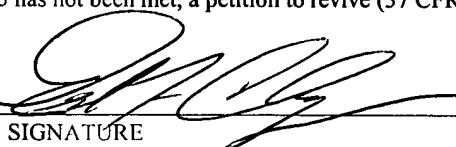


00FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE REV. 2/01T TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER 07241.0035-00000
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/523996
INTERNATIONAL APPLICATION NO. PCT/JP2003/010853	INTERNATIONAL FILING DATE August 27, 2003	PRIORITY DATE CLAIMED August 28, 2002
TITLE OF INVENTION APPROXIMATE n-th ORDER FUNCTION GENERATING DEVICE AND TEMPERATURE COMPENSATION CRYSTAL OSCILLATION CIRCUIT		
APPLICANT(S) FOR DO/EO/US Takako KAWASAKI and Kenji NEMOTO		
Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> is not required, as the application was filed with the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> is attached hereto.</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> Information Disclosure Statement under 37 CFR 1.97 and 1.98</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A Substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154 (d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> Copy of cover page of International Publication No. WO 2004/025824 A1</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> Copy of Notification of Missing Requirements.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/></p>		

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<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table> <tr> <td colspan="2">BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</td> <td>\$300.00</td> <td colspan="3"></td> </tr> <tr> <td colspan="2">National Stage Search Fee.....</td> <td>\$500.00</td> <td colspan="3"></td> </tr> <tr> <td colspan="2">National Stage Examination Fee.....</td> <td>\$200.00</td> <td colspan="3"></td> </tr> <tr> <td colspan="6" style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</td> </tr> <tr> <td colspan="6" style="text-align: center;">\$1000.00</td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <table> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of additional 50 or fraction thereof (rounded up to a whole number)</th> <th>Rate</th> <th></th> </tr> </thead> <tbody> <tr> <td>85- 100 =</td> <td>/50=</td> <td></td> <td>x 250.00</td> <td>\$</td> </tr> </tbody> </table> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).</p> <table> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>35</td> <td>- 20 =</td> <td>15</td> <td>x \$50.00 \$750.00</td> </tr> <tr> <td>Independent Claims</td> <td>5</td> <td>-3 =</td> <td>2</td> <td>x \$200.00 \$400.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+\$360.00</td> <td>\$360.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">TOTAL OF THE ABOVE CALCULATIONS =</td> <td>\$2510.00</td> </tr> <tr> <td colspan="6"><input type="checkbox"/> Applicant claims small entity status. 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